

Amendments to the Claims:

- 1 1. (Previously Amended) A method of creating a graphical human-machine interface,
2 comprising the steps of:
- 3 (a) providing a computer using a first operating system;
- 4 (b) providing a handheld portable computing device in communication with the
5 computer, the handheld portable computing device using a second operating
6 system that is less capable than the first operating system;
- 7 (c) generating on the computer an interactive control software object that
8 provides an interactive graphical human-machine interface when operating on
9 the handheld portable computing device to allow control of at least one
10 parameter of a process by use of the handheld portable computing device;
- 11 (d) simulating on the computer the operation of the interactive control software
12 object on the handheld portable computing device; and
- 13 (e) transferring the interactive control software object from the computer to the
14 handheld portable computing device.

1 2. (Canceled)

- 1 3. (Previously Amended) The method of claim 1 further comprising the steps of:
- 2 (f) operating the interactive control software object to provide the interactive
3 graphical human-machine interface on the handheld portable computing
4 device; and
- 5 (g) transmitting process control information between the computer and the
6 handheld portable computing device.

1 4. (Canceled).

1 5. (Previously Amended) The method of claim 1 wherein step (c) comprises generating
2 on the computer the interactive control software object which is processor-
3 independent; and wherein step (c) further comprises providing a run-time engine
4 specific to a selected processor present on the handheld portable computing device.

1 6. (Original) The method of claim 1 wherein the second operating system is Windows
2 CE.

1 7. (Canceled).

1 8. (Previously Amended) A computer program recorded on a machine-readable medium,
2 comprising:

3 (a) a module that operates on a computer to allow a user of the computer to
4 generate an interactive control software object that provides an interactive
5 graphical human-machine interface when operating on a handheld portable
6 computing device to allow control of at least one parameter of a process by
7 use of the handheld portable computing device, the computer using a first
8 operating system and the handheld portable computing device using a second
9 operating system having less capability than the first operating system;

10 (b) a module that operates on the computer to simulate the operation of the
11 interactive control software object on the handheld portable computing
12 device; and

13 (c) a module that operates on the computer to transfer the interactive control
14 software object from the computer to the handheld portable computing
15 device.

1 9. (Previously Amended) The computer program of claim 8, further comprising:

2 (d) a module that operates on the computer to transfer, between the computer and
3 the handheld portable computing device, information related to the operation
4 of the process.

1 10. (Canceled).

1 11. (Previously Amended) The computer program of claim 8 wherein the interactive
2 control software object comprises a processor-independent interactive graphical
3 human-machine interface object and a run-time engine specific to a selected
4 processor.

1 12. (Original) The computer program of claim 8 wherein the second operating system is
2 Windows CE.

1 13. (Canceled).

1 14. (Previously Amended) A method of controlling a process, comprising the steps of:

2 (a) providing a computer using a first operating system;

3 (b) providing a handheld portable computing device in communication with the
4 computer, the handheld portable computing device using a second operating
5 system that is less capable than the first operating system;

6 (c) providing an interactive control software object that provides an interactive
7 graphical human-machine interface when operating on the handheld portable
8 computing device, the software object generated on the computer;

9 (d) operating the interactive control software object on the handheld portable
10 computing device to provide the interactive graphical human-machine interface on
11 the handheld portable computing device; and

- 12 (e) exchanging information between the computer and the handheld portable
13 computing device, to control at least one parameter of the process by use of the
14 interactive human-machine interface provided by operation of the object on the
15 handheld portable computing device.
- 1 15. (Previously Amended) The method of claim 14 wherein step (d) comprises operating
2 the interactive control software object on the handheld portable computing device to
3 display both graphical information and alphanumeric information.
- 1 16. (Original) The method of claim 14 wherein the second operating system is Windows
2 CE.
- 1 17. (Canceled).